

ABSTRACT

An optical code reading system and method are provided for reading optical codes imprinted or displayed on, or behind, reflective surfaces. The system includes an extended light source, including one of a backlight assembly and a frontlight assembly, emitting an extended—
5 beam light for directly illuminating an optical code, at least one image sensor for sensing light reflected by the optical code and generating signals related to at least one image of the optical code, and at least one processor for processing at least a portion of the signals, generating a decodable image corresponding to the signals, and decoding at least a portion of the decodable image.